



## Description

The Infrared Receiver Unit (IRU) receives the infrared signal sent out by transmitters, such as PITs, and transmits the location and level of call across the system. Each IRU is programmed with its own unique address in the range of 001-799. When activated, the IRU transmits its address systemwide via the data bus. The IRU has external inputs which can also be used to trigger the unit. Products such as Call Buttons, Door Contacts and Pull Cords are compatible with this feature (please see Handheld Programming Unit Operator's Guide for more information). An IRU can also be programmed with a dual address so that when a connected device is activated a different message will be displayed.

Wherever possible the IRU should be located centrally on the ceiling of the room where cover is required. It **must** be located at least 5ft (1500mm) away from fluorescent lights to prevent any external interference. Consideration should also be given to the condition of the surface to which the IRU is to be mounted: It should be free from damp/moisture, not be subject to any shock or vibration, and be secure enough to allow a good fixing for the IRU and backbox.

The IRU has a tinted rectangular infrared-transparent fascia manufactured from polycarbonate for strength and durability. The all-over, infrared window has a spark-eroded finish, maximising the area available for the passage of infrared code from an activated transmitter. Internally it has bespoke amplifying and filtering circuitry to enable it to instantly recognise the incoming infrared code from the transmitter and distinguish it from extraneous infrared light from other sources.

There is a green LED on the right of the fascia to provide reassurance. It has three rates of flash:

- Ready/Idle (Can be deselected if required)
- Emergency Alarm
- Test/Assistance Call being received

<b>Model No:</b>	I595
<b>Power Source:</b>	12V to 13.8V DC
<b>Current Drawn:</b>	6- 15mA quiescent state 20mA alarm state
<b>Size:</b>	Length 4.62" x Width 4.56", Depth 0.59"
<b>Weight:</b>	3.32oz basic unit (94g)
<b>Backbox:</b>	US Double Gang